Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) An exhaust emission control apparatus for an internal combustion engine, comprising:

an exhaust passage;

a NOx retainer agent that is provided in the exhaust passage, and that takes up and retains NOx from an incoming exhaust gas if an air-fuel ratio of the incoming exhaust gas is lean of stoichiometry, and that releases NOx retained by the NOx retainer agent if the air-fuel ratio of the incoming exhaust gas is substantially stoichiometric or rich of stoichiometry;

a sulfur component retainer agent that is provided in the exhaust passage upstream of the NOx retainer agent, and that takes up and retains a sulfur component contained in the incoming exhaust gas; and

when the air-fuel ratio of the exhaust gas flowing into the sulfur component retainer agent is substantially stoichiometric or rich of stoichiometry, a controller that performs a NOx releasing process of adjusting the air-fuel ratio of an exhaust gas flowing into the sulfur component retainer agent so that the air-fuel ratio of an exhaust gas flowing into the NOx retainer agent becomes substantially stoichiometric or rich of stoichiometry if NOx retained by the NOx retainer agent is to be released, and that-prohibits the air-fuel ratio of the exhaust gas flowing into the sulfur component retainer agent from becoming substantially stoichiometric or rich of stoichiometry if an amount of the sulfur component retained by the sulfur component retainer agent is at least a first predetermined amount.

2. (Original) The exhaust emission control apparatus according to claim 1,

wherein the exhaust passage is provided with a bypass passage that causes an exhaust gas to bypass the NOx retainer agent, and a flow regulator valve that controls an amount of flow of the exhaust gas flowing into the bypass passage, and

wherein if the amount of the sulfur component retained by the sulfur component retainer agent is at least a second predetermined amount and it is possible to release the sulfur component from the sulfur component retainer agent, the controller causes a predetermined condition for releasing the sulfur component to be fulfilled so as to release the sulfur component from the sulfur component retainer agent, and causes at least a most portion of the exhaust gas to flow into the bypass passage by controlling the flow regulator valve.

- 3. (Original) The exhaust emission control apparatus according to claim 2, wherein the predetermined condition for releasing the sulfur component is a condition that the air-fuel ratio of the exhaust gas be substantially stoichiometric or rich of stoichiometry and a temperature of the sulfur component retainer agent be at least a sulfur component release temperature.
- 4. (Currently Amended) The exhaust emission control apparatus according to claim 2, wherein when it is possible to release the sulfur component from the sulfur component retainer agent—means when it is possible to easily fulfill the condition for releasing the sulfur component.
- 5. (Original) The exhaust emission control apparatus according to claim 2, wherein the first predetermined amount and the second predetermined amount are equal.
- 6. (Original) The exhaust emission control apparatus according to claim 1,
 wherein the exhaust passage is provided with an annular passage that branches
 from a branching portion of the exhaust passage and returns to the branching portion and that
 has the NOx retainer agent in an intermediate portion of the annular passage, and a flow

regulator valve that controls an amount of flow of an exhaust gas into the annular passage and a direction of flow of the exhaust gas into the annular passage, and

wherein if the amount of the sulfur component retained by the sulfur component retainer agent is at least a second predetermined amount and it is possible to release the sulfur component from the sulfur component retainer agent, the controller causes a predetermined condition for releasing the sulfur component to be fulfilled so as to release the sulfur component from the sulfur component retainer agent, and causes at least a most portion of the exhaust gas to flow downstream of the branching portion without flowing into the annular passage by controlling the flow regulator valve.

- 7. (Original) The exhaust emission control apparatus according to claim 6, wherein the predetermined condition for releasing the sulfur component is a condition that the air-fuel ratio of the exhaust gas be substantially stoichiometric or rich of stoichiometry and a temperature of the sulfur component retainer agent be at least a sulfur component release temperature.
- 8. (Currently Amended) The exhaust emission control apparatus according to claim 6, wherein when it is possible to release the sulfur component from the sulfur component retainer agent-means when it is possible to easily fulfill the condition for releasing the sulfur component.
- 9. (Original) The exhaust emission control apparatus according to claim 6, wherein the first predetermined amount and the second predetermined amount are equal.
- 10. (Original) The exhaust emission control apparatus according to claim 1, wherein the first predetermined amount and the second predetermined amount are calculated from a temperature of the sulfur component retainer agent.
- 11. (Original) The exhaust emission control apparatus according to claim 1, wherein the first predetermined amount and the second predetermined amount are calculated

from a temperature of the sulfur component retainer agent and the air-fuel ratio of the exhaust gas flowing into the sulfur component retainer agent.

- 12. (Original) The exhaust emission control apparatus according to claim 1, further comprising a fuel supply device that is disposed in the exhaust passage upstream of the sulfur component retainer agent and that supplies a fuel into the exhaust gas flowing into the sulfur component retainer agent if the NOx releasing process is to be performed.
- 13. (Original) The exhaust emission control apparatus according to claim 1, wherein the NOx retainer agent is supported on a particulate filter that traps a particulate substance contained in the incoming exhaust gas.
- 14. (Currently Amended) An exhaust emission control apparatus for an internal combustion engine, comprising:

an exhaust passage;

a NOx retainer agent that is provided in the exhaust passage, and that takes up and retains NOx from an incoming exhaust gas if an air-fuel ratio of the incoming exhaust gas is lean of stoichiometry, and that releases NOx retained by the NOx retainer agent if the air-fuel ratio of the incoming exhaust gas is substantially stoichiometric or rich of stoichiometry;

a sulfur component retainer agent which is provided in the exhaust passage upstream of the NOx retainer agent for taking up and retaining a sulfur component contained in the incoming exhaust gas, and an outflow of the sulfur component from which increases with an increase in an amount of the sulfur component retained by the sulfur component retainer agent if the air-fuel ratio of the incoming exhaust gas is substantially stoichiometric or rich of stoichiometry; and

when the air-fuel ratio of the exhaust gas flowing into the sulfur component retainer agent is substantially stoichiometric or rich of stoichiometry, a controller that prohibits the air-fuel ratio of the exhaust gas flowing into the sulfur component retainer agent

from becoming substantially stoichiometric or rich of stoichiometry if the outflow of the sulfur component from the sulfur component retainer agent is to be kept less than a predetermined amount.

15. (Currently Amended) An exhaust emission control method for an internal combustion engine, comprising the step of:

causing an exhaust gas to flow into an exhaust passage;

causing a sulfur component retainer agent provided in the exhaust passage to ehapture capture and retain a sulfur component contained in an incoming exhaust gas;

causing a NOx retainer agent provided in the exhaust passage downstream of the sulfur component retainer agent to ehapturecapture and retain NOx from the incoming exhaust gas if an air-fuel ratio of the incoming exhaust gas is lean of stoichiometry, and causing the NOx retainer agent to release NOx retained by the NOx retainer agent if the air-fuel ratio of the incoming exhaust gas is substantially stoichiometric or rich of stoichiometry;

performing a NOx releasing process of adjusting the air-fuel ratio of an exhaust gas flowing into the NOx retainer agent so that the air-fuel ratio of the exhaust gas becomes substantially stoichiometric or rich of stoichiometry if NOx retained by the NOx retainer agent is to be released; and

prohibiting the air-fuel ratio of an exhaust gas flowing into the sulfur component retainer agent from becoming substantially stoichiometric or rich of stoichiometry if an amount of the sulfur component retained by the sulfur component retainer agent is at least a first predetermined amount when the air-fuel ratio of the exhaust gas flowing into the sulfur component retainer agent is substantially stoichiometric or rich of stoichiometry.

16. (Original) The exhaust emission control method according to claim 15, wherein if the amount of the sulfur component retained by the sulfur component retainer agent is at least a second predetermined amount and it is possible to release the sulfur

component from the sulfur component retainer agent, a predetermined condition for releasing the sulfur component is caused to be fulfilled, and at least a most portion of the exhaust gas is caused to flow into a bypass passage provided for avoiding inflow of the exhaust gas into the NOx retainer agent.

- 17. (Original) The exhaust emission control method according to claim 16, wherein the predetermined condition for releasing the sulfur component is a condition that the air-fuel ratio of the exhaust gas be substantially stoichiometric or rich of stoichiometry and a temperature of the sulfur component retainer agent be at least a sulfur component release temperature.
- 18. (Currently Amended) The exhaust emission control method according to claim 16, wherein when it is possible to release the sulfur component from the sulfur component retainer agent—means when it is possible to easily fulfill the condition for releasing the sulfur component.
- 19. (Original) The exhaust emission control method according to claim 16, wherein the first predetermined amount and the second predetermined amount are equal.
- 20. (Original) The exhaust emission control method according to claim 15, wherein if the amount of the sulfur component retained by the sulfur component retainer agent is at least a second predetermined amount and it is possible to release the sulfur component from the sulfur component retainer agent, a predetermined condition for releasing the sulfur component is caused to be fulfilled, and at least a most portion of the exhaust gas is caused to flow downstream of a branching portion of the exhaust passage without flowing into an annular passage that branches from the branching portion of the exhaust passage and returns to the branching portion and that has the NOx retainer agent in an intermediate portion of the annular passage.

- 21. (Original) The exhaust emission control method according to claim 20, wherein the predetermined condition for releasing the sulfur component is a condition that the air-fuel ratio of the exhaust gas be substantially stoichiometric or rich of stoichiometry and a temperature of the sulfur component retainer agent be at least a sulfur component release temperature.
- 22. (Currently Amended) The exhaust emission control method according to claim 20, wherein when it is possible to release the sulfur component from the sulfur component retainer agent—means when it is possible to easily fulfill the condition for releasing the sulfur component.
- 23. (Original) The exhaust emission control method according to claim 20, wherein the first predetermined amount and the second predetermined amount are equal.
- 24. (Original) The exhaust emission control method according to claim 15, wherein the first predetermined amount and the second predetermined amount are calculated from a temperature of the sulfur component retainer agent.
- 25. (Original) The exhaust emission control method according to claim 15, wherein the first predetermined amount and the second predetermined amount are calculated from a temperature of the sulfur component retainer agent and the air-fuel ratio of the exhaust gas flowing into the sulfur component retainer agent.
- 26. (Original) The exhaust emission control method according to claim 15, wherein a fuel is supplied into the exhaust gas flowing into the exhaust passage upstream of the sulfur component retainer agent if the NOx releasing process is to be performed.
- 27. (Currently Amended) An exhaust emission control method for an internal combustion engine, comprising:

causing an exhaust gas to flow into an exhaust passage;

causing a sulfur component retainer agent provided in the exhaust passage to ehapture capture and retain a sulfur component contained in an incoming exhaust gas;

causing a NOx retainer agent provided in the exhaust passage downstream of the sulfur component retainer agent to ehapturecapture and retain NOx from the incoming exhaust gas if an air-fuel ratio of the incoming exhaust gas is lean of stoichiometry, and causing the NOx retainer agent to release NOx retained by the NOx retainer agent if the air-fuel ratio of the incoming exhaust gas is substantially stoichiometric or rich of stoichiometry;

performing a NOx releasing process of adjusting the air-fuel ratio of an exhaust gas flowing into the NOx retainer agent so that the air-fuel ratio of the exhaust gas becomes substantially stoichiometric or rich of stoichiometry if NOx retained by the NOx retainer agent is to be released; and

prohibiting the air-fuel ratio of the exhaust gas flowing into the sulfur component retainer agent from becoming substantially stoichiometric or rich of stoichiometry if an amount of the sulfur component retained by the sulfur component retainer agent is to be kept less than a predetermined amount when the air-fuel ratio of the exhaust gas flowing into the sulfur component retainer agent is substantially stoichiometric or rich of stoichiometry.

- 28. (New) The exhaust emission control apparatus according to claim 1, wherein during a process of releasing NOx, the controller performs the NOx releasing process and prohibits the air-fuel ratio of the exhaust gas flowing into the sulfur component retainer agent from becoming substantially stoichiometric or rich of stoichiometry if an amount of the sulfur component retained by the sulfur component retainer agent is at least a first predetermined amount.
- 29. (New) The exhaust emission control method according to claim 15, wherein the prohibiting the air-fuel ratio of an exhaust gas flowing into the sulfur component retainer agent from becoming substantially stoichiometric or rich of stoichiometry if an amount of the

sulfur component retained by the sulfur component retainer agent is at least a first predetermined amount occurs during the NOx releasing process.